IN THE CLAIMS:

Claims 1, 8, 15, 17-19, 21, 24-27, 35, 37, 39, 41, 46, 48-50, 52, 57, 59-61, 63, and 71 are amended herein. No claims are cancelled or added. All pending claims are produced below. In addition, the status of each is also indicated below.

1.	(Currently Amended) A system for augmenting data from a source data file ~~with data from a reference database~~ to generate an augmented data file, comprising:

a reference database including at least one reference datum;

a handler component configured to retrieve ~~a~~ the source data file, the source data file including at least one structured datum;

a locator component configured to locate the structured datum in the source data file;

an analyzer component configured to associate the ~~identified~~ structured datum to the ~~one~~ reference datum to create an association according to an analyzing strategy; and

a generating component configured to~~:~~

~~generate a hyperlink based upon the association; and~~

embed the association of the structured datum to the reference datum in the source data file to ~~create an~~ generate the augmented data file; and

a communication component configured to transmit additional information ~~from the reference database,~~ wherein

responsive to ~~according to the association in response to~~ a pointer being positioned over the structured datum, the communication component transmitting additional information according to the association, the

additional information being simultaneously displayable <u>as an overlay</u> in an area proximate to the structured datum.

2.   (Original) The system of Claim 1, wherein the source data file is stored at an address on a network.

3.   (Original) The system of Claim 2, wherein the network is a public network.

4.   (Original) The system of Claim 3, wherein the network is the Internet.

5.   (Original) The system of Claim 1, wherein the structured datum includes a formatted webpage.

6.   (Original) The system of Claim 1, wherein the reference datum includes a first uniform resource locator address.

7.   (Previously Presented) The system as defined in Claim 6, wherein the first uniform resource locator address is the location of an advertisement.

8.   (Currently Amended) The system of Claim 7, wherein the reference datum includes ~~generating~~ a second identifier associated with the first uniform resource locator address.

9.   (Original) The system of Claim 8, wherein the analyzer component is further configured:

to generate a first identifier based upon the structured datum;

to locate the second identifier corresponding to the first identifier; and

to associate the first uniform resource locator address with the structured datum.

10.   (Original) The system of Claim 9, wherein the first uniform resource locator address is further associated with a user-friendly descriptor.

11.   (Original) The system of Claim 9, wherein the first identifier is a first text string.

12.   (Original) The system of Claim 11, wherein the first text string includes keywords.

13.   (Original) The system of Claim 12, wherein the second identifier is a second text string.

14.   (Original) The system of Claim 13, wherein the analyzer component is further configured to locate the second text string according to the first text string.

15.   (Currently Amended) The system of <u>Claim 1, wherein the association of the structured datum to the reference datum in the source data file is embedded as a hyperlink in the augmented data file</u> ~~Claim 14, wherein the analyzer component is further configured to associate the first uniform resource locator address with the first text string~~.

16.   (Original) The system of Claim 9, wherein the analyzer component generates the first identifier by means of a "fuzzy expert" search engine.

17.   (Currently Amended) The system of Claim ~~16~~ <u>9</u>, wherein the analyzer component generates the first identifier by means of a natural language search engine.

18.   (Currently Amended) The system of Claim ~~17~~ <u>1</u>, wherein the additional information comprises a hypertext link and a user-friendly descriptor.

19.   (Currently Amended) The system of Claim 1, wherein a publishing component is configured to save the augmented <u>data</u> file at a desired second uniform resource locator address.

20.   (Original) The system of Claim 1, wherein a browser is configured to display the augmented data file when directed to the source data file.

21.   (Currently Amended) A method of augmenting data from a source data file with data from a reference database, the method comprising:

retrieving ~~at least one~~ the source data file including ~~at least one~~ a structured datum from a first address;

identifying the structured datum;

locating reference datum from ~~a~~ the reference database according to the identified structured datum;

generating an association of the reference datum to the structured datum;

augmenting the source data file with the generated association to create an augmented data file;

storing the augmented data file at a second address for subsequent display of the augmented data file in response to a request for the source data file; and

responsive to a pointer being positioned over the structured datum, transmitting additional information ~~from the reference database~~ according to the association, the additional information being simultaneously displayable as an overlay in an area proximate to the structured datum.

22. (Original) The method of Claim 21, wherein the first address is on a network.

23. (Original) The method of Claim 22, wherein the network includes at least a portion of the Internet.

24. (Currently Amended) The method of Claim ~~22~~ 21, wherein retrieving ~~one~~ the source data file includes retrieving a web page.

25. (Currently Amended) The method of Claim 21, wherein locating the reference datum includes locating a uniform resource locator address.

26. (Currently Amended) The method of Claim ~~25~~ 21, wherein generating ~~an~~ the association includes associating the structured datum to a uniform resource locator address.

27. (Currently Amended) The method of Claim 26, wherein generating ~~an~~ the association includes generating a user-friendly description of the data contained at the uniform locator address.

28. (Original) The method of Claim 21, further comprising displaying the augmented data file.

29. (Previously Presented) The method of Claim 28, wherein displaying the augmented data file includes displaying the additional information simultaneously in an area proximate to the structured datum in response to a pointer being over the structured datum.

30. (Previously Presented) A method of augmenting structured data stored in a source data file with unstructured data stored in a reference database, comprising:

reading a structured datum from a source data file;

locating a reference datum in a reference database corresponding to the read structured datum;

generating an association of the reference datum to the structured datum;

augmenting the source data file with the generated association; and

responsive to a pointer being over the structured datum, transmitting additional information from the reference database according to the association, the additional information being simultaneously displayable in an area proximate to the structured datum.

31.   (Original) The method of Claim 30, wherein the source data file is stored on a network.

32.   (Original) The method of Claim 31, wherein the source data file is stored on the Internet.

33.   (Original) The method of Claim 30, wherein locating the reference datum includes locating a uniform resource locator address.

34.   (Original) The method of Claim 33, wherein locating the uniform resource locator address includes locating the uniform resource locator address for an advertisement.

35.   (Currently Amended) The method of Claim 30, ~~wherein locating a~~ the reference ~~datum in a~~ the reference database ~~corresponding to the read structured datum,~~ and wherein corresponding includes corresponding according to an analyzing strategy.

36.   (Original) The method of Claim 35, wherein the analyzing strategy is locating a first text string in the structured datum and matching a second text string in the reference datum.

37.   (Currently Amended) The method of Claim 35, wherein the analyzing strategy comprises locating a first keyword in the structured datum to correspond to a second ~~key word~~ keyword in the reference datum.

38.   (Original) The method of Claim 35, wherein the analyzing strategy includes generating a first identifier to the structured datum and locating a second identifier in the reference datum matching the first identifier.

39.   (Currently Amended) The method of Claim 38, wherein the generating ~~a~~ the first identifier is based upon a "fuzzy expert" search engine.

40.   (Previously Presented) The method of Claim 39, wherein generating the first

identifier further includes retrieving a natural language text from the structured

datum.

41.   (Currently Amended) A system for associating data in a reference database with

structured data in a source data file, comprising:

means for reading a structured datum from the source ~~database~~ data file;

means for locating a reference datum in ~~a~~ the reference database corresponding to the

~~read~~ structured datum;

means for generating an association of the reference datum to the structured datum;

means for augmenting the source data file with the ~~generated~~ association; and

means for transmitting additional information ~~from the reference database~~, wherein

responsive to ~~according to the association in response to~~ a pointer being

positioned over the structured datum, the means for transmitting

additional information transmits additional information according to

the association, the additional information being simultaneously

displayable as an overlay in an area proximate to the structured datum.

42.   (Original) The system of Claim 41, wherein the source data file is stored on a

network.

43.   (Original) The system of Claim 41, wherein the source data file is stored on the

Internet.

44.   (Original) The system of Claim 43, wherein locating the reference datum includes

locating a uniform resource locator address.

45.   (Original) The method of Claim 44, wherein locating the uniform resource locator address includes locating the uniform resource locator address for an advertisement.

46.   (Currently Amended) The method of Claim 41, ~~wherein locating a reference datum in a reference database corresponds to the read structured datum, and~~ wherein corresponds includes corresponding according to an analyzing strategy.

47.   (Previously Presented) The method of Claim 46, wherein the analyzing strategy includes locating a first text string in the structured datum and locating a second text string in the reference datum matching the first text string.

48.   (Currently Amended) The method of Claim 46, wherein the analyzing strategy includes matching a first keyword in the structured datum to <u>a</u> second ~~key word~~ <u>keyword</u> in the reference datum.

49.   (Currently Amended) The method of Claim 46, wherein the analyzing strategy includes generating a first identifier to the structured datum and ~~matching~~ <u>locating</u> a second identifier in the reference datum <u>matching the first identifier</u>.

50.   (Currently Amended) The method of Claim 49, wherein the generating ~~a~~ <u>the</u> first identifier is based upon a "fuzzy expert" search engine.

51.   (Previously Presented) The method of Claim 50, wherein generating the first identifier further includes retrieving a natural language text from the structured datum.

52.   (Currently Amended) A computer software program stored on a readable medium, the computer software program comprising:

        means for reading a structured datum from ~~the~~ <u>a</u> source ~~database~~ <u>data file</u>;

means for locating a reference datum in a reference database corresponding to the

      structured datum;

means for generating an association of the reference datum to the structured datum;

means for augmenting the source data file with the association; and

means for transmitting additional information ~~from the reference database~~ , wherein

      <u>responsive to</u> ~~according to the association in response to~~ a pointer being

      <u>positioned</u> over the structured datum, <u>the means for transmitting</u>

      <u>additional information transmits additional information according to</u>

      <u>the association,</u> the additional information being simultaneously

      displayable <u>as an overlay</u> in an area proximate to the structured datum.

53.   (Original) The software program of Claim 52, wherein the source data file is stored on a network.

54.   (Original) The software program of Claim 53, wherein the source data file is stored on the Internet.

55.   (Original) The software program of Claim 53, wherein locating the reference datum includes locating a uniform resource locator address.

56.   (Original) The software program of Claim 55, wherein locating the uniform resource locator address includes locating the uniform resource locator address for an advertisement.

57.   (Currently Amended) The software program of Claim 52, wherein locating ~~a~~ <u>the</u> reference datum in ~~a~~ <u>the</u> reference database includes locating a reference datum corresponding to the ~~read~~ <u>structured datum</u> according to an analyzing strategy.

58.	(Previously Presented) The software program of Claim 57, wherein the analyzing strategy is locating a first text string in the structured datum and matching a second text string in the reference datum.

59.	(Currently Amended) The software program of Claim 57, wherein the analyzing strategy comprises matching a first keyword in the structured datum to a~ second ~~key-word~~ keyword in the reference datum.

60.	(Currently Amended) The software program of Claim 57, wherein the analyzing strategy is generating a first identifier to the structured datum and ~~matching~~ locating a second identifier in the reference datum matching the first identifier.

61.	(Currently Amended) The software program of Claim 60, wherein generating ~~a~~ the first identifier is based upon a "fuzzy expert" search engine.

62.	(Previously Presented) The software program of Claim 60, wherein generating the first identifier further includes retrieving a natural language text from the structured datum.

63.	(Currently Amended) A computer software program stored on a readable medium for augmenting data from a source data file with data from a reference database to generate an augmented data file, comprising:

a reference database component configured to include ~~including~~ at least one reference datum;

a handler component configured to retrieve ~~a~~ the source data file including at least one structured datum;

a locator component configured to locate the structured datum in the source data file;

an analyzer component configured to associate the ~~identified~~ structured datum to one

reference datum to create an association; and

a generating component configured to~~:~~

~~generate a hyperlink based upon the association; and~~

embed the association of the structured datum to the reference datum in

the source file to ~~create an~~ generate the augmented data file; and

a communication component configured to transmit additional information ~~from the~~

~~reference database~~, wherein

responsive to ~~according to the association in response to~~ a pointer being

positioned over the structured datum, the communication component

transmitting additional information according to the association, the

additional information being simultaneously displayable as an overlay

in an area proximate to the structured datum.

64.   (Original) The software program of Claim 63, wherein the source data file is stored

at an address on a network.

65.   (Original) The software program of Claim 64, wherein the network is a public

network.

66.   (Previously Presented) The software program of Claim 64, wherein the network is

the Internet.

67.   (Previously Presented) The software program of Claim 64, wherein the structured

datum includes a formatted webpage.

68.   (Previously Presented) The software program of Claim 63, wherein the reference

datum includes a first uniform resource locator address.

69. (Previously Presented) The software program of Claim 68, wherein the first uniform resource locator address is the location of an advertisement.

70. (Previously Presented) The software program of Claim 68, wherein the reference datum includes a second identifier associated with the first uniform resource locator address.

71. (Currently Amended) The software program of Claim 68, wherein the analyzer component is further configured:

to: generate a first identifier based upon the structured datum;

to locate the second identifier to corresponding to the first identifier; and

to associate the first uniform resource locator address with the structured datum.

72. (Previously Presented) The software program of Claim 70, wherein the first uniform resource locator address is further associated with a user-friendly descriptor.

73. (Previously Presented) The software program of Claim 71, wherein the first identifier is a first text string.

74. (Previously Presented) The software program of Claim 73, wherein the first text string includes keywords.

75. (Previously Presented) The software program of Claim 74, wherein the second identifier is a second text string.

76. (Previously Presented) The software program of Claim 71, wherein corresponding includes corresponding based upon an analyzing strategy.

77. (Previously Presented) The software program of Claim 76, wherein the analyzing strategy includes matching the first text string with the second text string and further associating the first uniform resource locator address with the first text string.

78.   (Previously Presented) The software program of Claim 77, wherein the analyzing

strategy generates the first identifier by means of a "fuzzy expert" search engine.

79.   (Previously Presented) The software program of Claim 77, wherein the analyzing

strategy generates the first identifier by means of a natural language search engine.

80.   (Previously Presented) The software program of Claim 70, wherein the additional

information comprises a hyperlink and a user-friendly descriptor, the user-friendly

descriptor being associated with the associated first uniform resource locator address.

81.   (Previously Presented) The software program of Claim 63, wherein a publishing

component is configured to save the augmented file at a desired second uniform

resource locator address.

82.   (Previously Presented) The software program of Claim 63, wherein a browser is

configured display the augmented data file when directed to the source data file.